



Electrician

Department: General Services

Class Code: 3154

EEO Code: 27

FLSA: N

Effective: 01/05/1992

GENERAL STATEMENT OF DUTIES:

Under general supervision; performs work of moderate difficulty planning layout, installing and repairing wiring, electrical fixtures, apparatus and control equipment for the County; and performs other work as required.

SPECIFIC STATEMENT OF DUTIES:

Plans new or modified installations to minimize waste of materials, provide access for future maintenance, and avoid unsightly, hazardous, and unreliable wiring, consistent with specifications and local electrical codes; measures, cuts, bends, threads, assembles and installs electrical conduit; connects wiring to lighting fixtures and power equipment; installs control and distribution apparatus, such as switches, relays and circuit-breaker panels; connects power cables to equipment and installs grounding leads; tests continuity of circuit to ensure electrical compatibility and safety of components using testing instruments; observes functioning of installed equipment or system to detect hazards and need for adjustments, relocation or replacement; maintains County UPS and fire alarm systems and emergency generators; orders supplies; remains on call for after hours emergencies; works on circuits which are fully energized; and performs other work as required.

REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:

Considerable knowledge of the principles and practices of electricity; of electrical systems and circuits.

Working skill in applying the practices of electricity, both AC and DC; working skill with energized wiring; ability to climb, bend, stoop and reach; ability to lift supplies and equipment weighing up to 50 pounds.

MINIMUM EDUCATION AND EXPERIENCE:

Completion of the core curriculum for a high school diploma degree and four years of experience as a journeyman electrician; or an equivalent combination of training and experience.

ADDITIONAL REQUIREMENTS:

Certification as a journeyman electrician as specified by the State of Virginia; valid vehicle operator's license.

<p>This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.</p>
